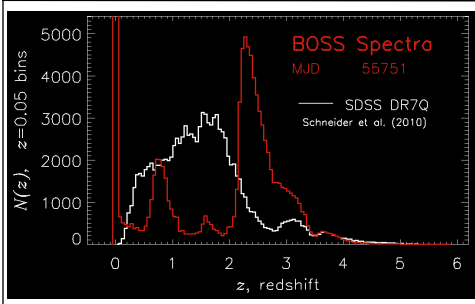
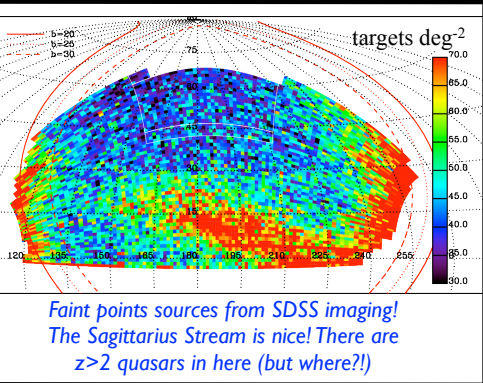
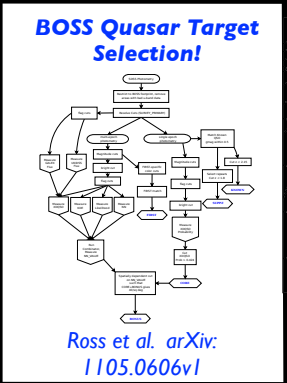
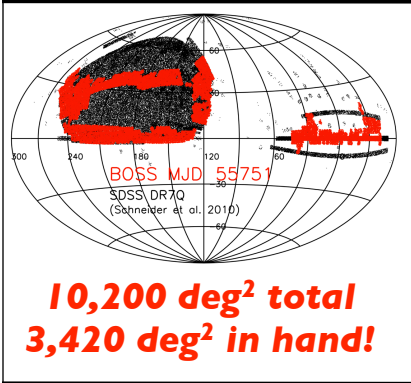




Nicholas P. Ross (Berkeley Lab)

Baryon Oscillation Spectroscopic Survey:
 1.5 million $0.3 < z < 0.7$ galaxies
 150,000 $z > 2.2$ Quasars
 $H(z)$, D_A from BAO to 1% at $z < 0.7$
 First measurement of BAO at $z \sim 2.5$
 2009-2014

for the SDSS-III Quasar Working Group “Early Results from BOSS DR9”



SDSS-III DR9
 800,000 spectra
 90,000 quasars
 60,000 $z > 2$
 Public July 2012

